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Recent results on gamma-ray astronomy from LHAASO

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Over the past four years, since April 2019, LHAASO has been in operation, either partially or as a whole. Utilizing the data collected, detection on Gamma-ray emissions from the Northern sky have been made, and observation results on various targets such as pulsar wind nebulae, pulsar halos, supernova remnants, Gamma-ray bursts, active galactic nuclei, and galactic diffused gamma rays, have been achieved. The first catalogue of Gamma-ray sources has been released. This talk will primarily focus on recent results related to these topics, preceded by a brief introduction to the LHAASO performance. Finally, the near-future plans for LHAASO will be discussed.

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